

V. Ryan

1641

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/189,415

DATE: 03/10/2000
TIME: 15:42:36

Input Set: I189415.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

Does Not Comply
Corrected Diskette Needed

p. 2

1 <110> APPLICANT: Finlay, Brett B
2 Kenny, Brendan
3 DeVinney, Rebekah
4 Stein, Markus
5 <120> TITLE OF INVENTION: HOST RECEPTOR FOR PATHOGENIC BACTERIA
6 <130> FILE REFERENCE: 07422/013001
7 <140> CURRENT APPLICATION NUMBER: US/09/189,415
8 <141> CURRENT FILING DATE: 1998-11-10
9 <150> EARLIER APPLICATION NUMBER: 60/065,130
10 <151> EARLIER FILING DATE: 1997-11-12
11 <160> NUMBER OF SEQ ID NOS: 9
12 <170> SOFTWARE: PatentIn Ver. 2.0
13 <210> SEQ ID NO 1
14 <211> LENGTH: 1920
15 <212> TYPE: DNA
16 <213> ORGANISM: Escherichia coli
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20 cctgcgcgcg cactaccttc acaaacagac ggcgcggcac ggggaggaac tggatcatcta 180
21 attagctcta caggagcatt aggatctcgt tcattgtttt ctcccctgag aaattctatg 240
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31 gtcggcgcaa ttgctgctgg tttagcggga ctggcgcaa ctggtattgc acaggcgttg 840
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61      Leu Phe Ser Pro Leu Arg Asn Ser Met Ala Asp Ser Val Asp Ser Arg
62      50          55          60
63      Asp Ile Pro Gly Leu Pro Thr Asn Pro Ser Arg Leu Ala Ala Ala Thr
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65      Ser Glu Thr Cys Leu Leu Gly Gly Phe Glu Val Leu His Asp Lys Gly
66      85          90          95
67      Pro Leu Asp Ile Leu Asn Thr Gln Ile Gly Pro Ser Ala Phe Arg Val
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77      Ala Arg Thr Arg Ile Leu Ala Lys Leu Asp Pro Asp Asn His Gly Gly
78      180         185         190
79      Arg Gln Pro Lys Asp Val Asp Thr Arg Ser Val Gly Val Gly Ser Ala
80      195         200         205
81      Ser Gly Ile Asp Asp Gly Val Val Ser Glu Thr His Thr Ser Thr Thr
82      210         215         220
83      Asn Ser Ser Val Arg Ser Asp Pro Lys Phe Trp Val Ser Val Gly Ala
84      225         230         235         240
85      Ile Ala Ala Gly Leu Ala Gly Leu Ala Ala Thr Gly Ile Ala Gln Ala
86      245         250         255
87      Leu Ala Leu Thr Pro Glu Pro Asp Asp Pro Thr Thr Thr Asp Pro Asp
88      260         265         270
89      Gln Ala Ala Asn Ala Ala Glu Ser Ala Thr Lys Asp Gln Leu Thr Gln
90      275         280         285
91      Glu Ala Phe Lys Asn Pro Glu Asn Gln Lys Val Asn Ile Asp Ala Asn
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See item 10
on Ena summary
sheet

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99   Arg Arg Gln Glu Glu Leu Gln Leu Ser Ser Gly Ile Gly Tyr Gly Leu
100                              355                               360           365
101   Ser Ser Ala Leu Ile Val Ala Gly Gly Ile Gly Ala Gly Val Thr Thr
102                              370                               375           380
103   Ala Leu His Arg Arg Asn Gln Pro Ala Glu Gln Thr Thr Thr Thr Thr
104                              385                               390           395           400
105   Thr His Thr Val Val Gln Gln Gln Thr Gly Gly Ile Pro Gln His Lys
106                              405                               410           415
107   Val Ala Leu Met Pro Gln Glu Arg Arg Arg Phe Ser Asp Arg Arg Asp
108                              420                               425           430
109   Ser Gln Gly Ser Val Ala Ser Thr His Trp Ser Asp Ser Ser Ser Glu
110                              435                               440           445
111   Val Val Asn Pro Tyr Ala Glu Val Gly Gly Ala Arg Asn Ser Leu Ser
112                              450                               455           460
113   Ala His Gln Pro Glu Glu His Ile Tyr Asp Glu Val Ala Ala Asp Pro
114                              465                               470           475           480
115   Gly Tyr Ser Val Ile Gln Asn Phe Ser Gly Ser Gly Pro Val Thr Gly
116                              485                               490           495
117   Arg Leu Ile Gly Thr Pro Gly Gln Gly Ile Gln Ser Thr Tyr Ala Leu
118                              500                               505           510
119   Leu Ala Asn Ser Gly Gly Leu Arg Leu Gly Met Gly Gly Leu Thr Ser
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<210> SEQ ID NO 3

<211> LENGTH: 1723

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132   ccgttgggat ctctgcgct atttacgcct gtaaggaatt ctatggctga ttctggcgac 180
133   aatcgtgcca gtgatgttcc tggacttcct gtaaattccga tgcgcctggc ggcgtctgag 240
134   ataacactga atgatggatt tgaagttcct catgatcatg gtccgctcga tactcttaac 300
135   aggagattg gctcttcggt atttcgagtt gaaactcagg aagatggtaa acatattgct 360
136   gtcggtcaga ggaatggtgt tgagacctct gttgttttaa gtgatcaaga gtacgctcgc 420
137   ttgcagtcca ttgatcctga aggtaaagac aaatttgtat ttactggagg ccgtggtggt 480
138   gctgggcatg ctatggtcac cgttgcttca gatatcacgg aagcccgcc aaggatactg 540
139   gagctgttag agcccaaagg gaccggggag tccaaagggt ctggggagtc aaaaggcgtt 600
140   ggggagttga gggagtcaaa tagcgggtgc gaaaacacca cagaaactca gacctcaacc 660
141   tcaacttcca gccttcgttc agatcctaaa ctttggttgg cgttggggac tgttgctaca 720
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143   gatagcccaa ccacgaccga ccctgatgca gctgcaagtg caactgaaac tgcgacaaga 840
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147      caaaaaaaaa atgatgaaca acaagctaaa cgccaggagg agctgaaagt ttcacgggg 1080
148      gctggctacg gtcttagtgg cgcattgatt cttgggtggg gaattggtgt tgccgtcacc 1140
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162 <213> ORGANISM: Escherichia coli

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168      Gly Gln Leu Ile Asn Ser Thr Gly Pro Leu Gly Ser Arg Ala Leu Phe
169      35          40          45
170      Thr Pro Val Arg Asn Ser Met Ala Asp Ser Gly Asp Asn Arg Ala Ser
171      50          55          60
172      Asp Val Pro Gly Leu Pro Val Asn Pro Met Arg Leu Ala Ala Ser Glu
173      65          70          75          80
174      Ile Thr Leu Asn Asp Gly Phe Glu Val Leu His Asp His Gly Pro Leu
175      85          90          95
176      Asp Thr Leu Asn Arg Gln Ile Gly Ser Ser Val Phe Arg Val Glu Thr
177      100         105         110
178      Gln Glu Asp Gly Lys His Ile Ala Val Gly Gln Arg Asn Gly Val Glu
179      115         120         125
180      Thr Ser Val Val Leu Ser Asp Gln Glu Tyr Ala Arg Leu Gln Ser Ile
181      130         135         140
182      Asp Pro Glu Gly Lys Asp Lys Phe Val Phe Thr Gly Gly Arg Gly Gly
183      145         150         155         160
184      Ala Gly His Ala Met Val Thr Val Ala Ser Asp Ile Thr Glu Ala Arg
185      165         170         175
186      Gln Arg Ile Leu Glu Leu Leu Glu Pro Lys Gly Thr Gly Glu Ser Lys
187      180         185         190
188      Gly Ala Gly Glu Ser Lys Gly Val Gly Glu Leu Arg Glu Ser Asn Ser
189      195         200         205
190      Gly Ala Glu Asn Thr Thr Glu Thr Gln Thr Ser Thr Ser Thr Ser Ser
191      210         215         220
192      Leu Arg Ser Asp Pro Lys Leu Trp Leu Ala Leu Gly Thr Val Ala Thr
193      225         230         235         240
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205				325						330					335	
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224	Arg	Ile	Trp	Gly	Ile	Gln	Ile	Ser	Val	Val	Tyr	Ser	Thr	Ile	Gln	His
225				485						490					495	
226	Pro	Pro	Arg	Asp	Thr	Thr	Asp	Asn	Gly	Ala	Arg	Leu	Leu	Gly	Asn	Pro
227			500						505				510			
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229		515						520					525			
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231		530					535					540				
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VERIFICATION SUMMARY
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